

SAMPLE: 4597
 PLACE: Littoistenjärvi , yhdistetty N E
 DATE: 12.4.2017
 DEPTH: 0.00- 0.00 m

COUNTED BY Lounais-Suomen vesi- ja ympäristötutkimus Oy, SA ON 6/12/2017

CHAMBER VOLUME=1.5ml, DIAM=26mm

BIOMASS OF PHYTOPLANKTON COUNTED WITH Leica DMI3000 B:
 440 units in 50 Kenttiä at 788x
 614 units in 1 Sarake at 250x
 25 units in 1 Pohja at 125x

COMMENT: Näytteessä paljon pientä flagellaattia ja pokoplanktonia.

Species	Size A/H	Volume	Units	Coeff.	Units/l	Units %	ww µg/l	ww %
2 21 CHROOCOCCALES	4	5	15	138805	2082075	2.91	10.41	0.24
2 21 CHROOCOCCALES	6	9	1	138805	138805	0.19	1.25	0.03
2 21 CHROOCOCCALES	7	10	4	138805	552220	0.78	5.55	0.13
2 21 CHROOCOCCALES	11	26	1	138805	138805	0.19	3.61	0.08
2 21 MICROCYSTIS AERUGINOSA (KÜTZ.)	2	13083	1	667	667	0.00	8.73	0.20
2 21 MICROCYSTIS SP.	5	3271	2	667	1334	0.00	4.36	0.10
2 21 SNOWELLA SP.	3	42	28	138805	3886540	5.43	163.23	3.74
4 0 CRYPTOMONADALES	4	151	2	138805	277610	0.39	41.92	0.96
4 0 CRYPTOMONAS SP.	1	452	2	17099	34198	0.05	15.46	0.35
4 0 KATABLEPHARIS OVALIS SKUJA	1 HET	92	18	138805	2498490	3.49	229.86	5.26
4 0 KATABLEPHARIS OVALIS SKUJA	2 HET	170	5	138805	694025	0.97	117.98	2.70
4 0 RHODOMONAS LACUSTRIS PASCH.&R	1	37	8	138805	1110440	1.55	41.09	0.94
5 0 DINOPHYCEAE	4	942	4	17099	68396	0.10	64.43	1.48
6 63 DINOBRYON SOCIALE EHR.		157	6	667	4002	0.01	0.63	0.01
6 63 KEPHYRION SP.		92	14	138805	1943270	2.71	178.78	4.09
6 63 MALLOMONAS AKROKOMOS RUTTN.	1	1010	3	17099	51297	0.07	51.81	1.19
6 63 PSEUDOPEDINELLA SP.	2	65	4	138805	552220	0.78	36.09	0.83
6 63 SPINIFEROMONAS SP.	1	65	1	138805	138805	0.19	9.02	0.21
6 65 AULACOSEIRA SP.	2	755	8	17099	136792	0.19	103.28	2.37
6 65 BACILLARIALES	3	198	407	17099	6959293	9.72	1377.94	31.56
6 65 BACILLARIALES	4	240	2	138805	277610	0.39	66.63	1.53
6 65 BACILLARIALES	7	1800	1	667	667	0.00	1.20	0.03
6 65 BACILLARIALES	10	2640	1	667	667	0.00	1.76	0.04
6 65 BACILLARIALES	15	72000	1	667	667	0.00	48.02	1.10
6 65 EUPODISCALES	5	393	1	138805	138805	0.19	54.55	1.25
6 65 FRAGILARIA SP.	2	525	3	667	2001	0.00	1.05	0.02
6 65 SYNEDRA ULNA (NITZSCH) EHR.	2	5760	3	667	2001	0.00	11.53	0.26
7 71 EUGLENA SP.	1	3224	4	667	2668	0.00	8.60	0.20
7 71 TRACHELOMONAS HISPIDA (PERTY)		4912	1	17099	17099	0.02	83.99	1.92
7 73 SCOURFIELDIA COMPLANATA G.S.W	cf.	31	159	138805	22069995	30.83	684.17	15.67
7 74 DICTYOSPHAERIUM SP.	1	18	2	138805	277610	0.39	5.00	0.11
7 74 KIRCHNERIELLA CONTORTA (SCHMID		23	1	138805	138805	0.19	3.19	0.07
7 74 KIRCHNERIELLA SP.	1	14	3	138805	416415	0.58	5.83	0.13
7 74 KOLIELLA LONGISETA HIND.		126	10	17099	170990	0.24	21.54	0.49
7 74 KOLIELLA SP.	3	59	6	17099	102594	0.14	6.05	0.14
7 74 KOLIELLA SPICULIFORMIS (VISCHE	1	4	74	17099	1265326	1.77	5.06	0.12
7 74 LAGERHEIMIA GENEVENSIS (CHOD.)		126	1	138805	138805	0.19	17.49	0.40
7 74 MONORAPHIDIUM CONTORTUM (THUR.	4	42	94	17099	1607306	2.25	67.51	1.55
7 74 MONORAPHIDIUM GRIFFITHII (BERK	2	141	5	17099	85495	0.12	12.05	0.28
7 74 MONORAPHIDIUM MINUTUM (NÄG.) K	1	32	1	138805	138805	0.19	4.44	0.10
7 74 PEDIASTRUM BORYANUM (TURP.) ME		20096	2	667	1334	0.00	26.81	0.61
7 74 SCENEDESMUS BICELLULARIS		75	12	138805	1665660	2.33	124.92	2.86
7 74 TETRAEDRON MINIMUM (A.BRAUN) H	cf.	256	1	138805	138805	0.19	35.53	0.81
7 75 CLOSTERIUM SP.	1	837	1	667	667	0.00	0.56	0.01
9 92 FLAGELLATES SPP. AUTO (OVAL)	2	5	6	138805	832830	1.16	4.16	0.10
9 92 FLAGELLATES SPP. AUTO (OVAL)	3	19	23	138805	3192515	4.46	60.66	1.39
9 92 FLAGELLATES SPP. AUTO (OVAL)	5	181	1	138805	138805	0.19	25.12	0.58
9 92 FLAGELLATES SPP. AUTO (OVAL)	6	575	1	138805	138805	0.19	79.81	1.83
9 92 FLAGELLATES SPP. AUTO (SPHERE)	2	8	48	138805	6662640	9.31	53.30	1.22
9 92 FLAGELLATES SPP. AUTO (SPHERE)	3	33	30	138805	4164150	5.82	137.42	3.15
9 92 MONAD AUTOTROPHIC	1	6	2	138805	277610	0.39	1.67	0.04
9 92 MONAD AUTOTROPHIC	2	14	8	138805	1110440	1.55	15.55	0.36
9 92 MONAD AUTOTROPHIC	3	24	19	138805	2637295	3.68	63.30	1.45
9 92 MONAD AUTOTROPHIC	4	65	18	138805	2498490	3.49	162.40	3.72
2 CYANOPHYTA - CYANOPHYCEAE			52		6803446	9.50	197.15	4.52
2 21 CHROOCOCCALES			52		6803446	9.50	197.15	4.52
4 CRYPTOPHYTA			35		4614763	6.45	446.31	10.22
5 DINOPHYTA			4		68396	0.10	64.43	1.48
6 CHRYSOPHYTA			455		10211097	14.26	1942.29	44.48
6 63 CHRYSOPHYCEAE			28		2692594	3.76	276.33	6.33
6 65 DIATOMOPHYCEAE			427		7518503	10.50	1665.96	38.15
7 CHLOROPHYTA			377		28238379	39.44	1112.76	25.49
7 71 EUGLENOPHYCEAE			5		19767	0.03	92.59	2.12
7 73 PRASINOPHYCEAE			159		22069995	30.83	684.17	15.67
7 74 CHLOROPHYCEAE			212		6147950	8.59	335.44	7.68
7 75 CONJUGATOPHYCEAE			1		667	0.00	0.56	0.01
9 OTHER PHYTOPLANKTON			156		21653580	30.25	603.39	13.82
9 92 MONADS AND FLAGELLATES			156		21653580	30.25	603.39	13.82
Total counted:			1079		71589661		4366.31	
Total autotrophs:			1056		68397146	95.54	4018.47	92.03
Total heterotrophs:			23		3192515	4.46	347.85	7.97